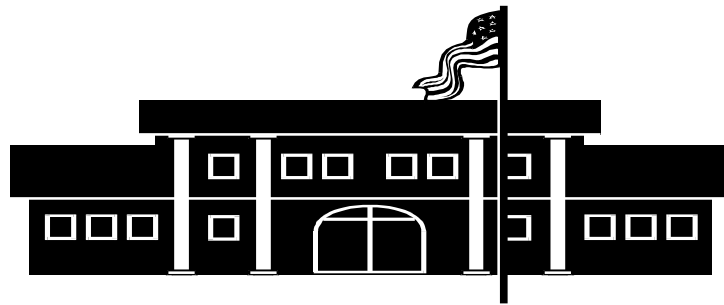




# SCHOOL PESTICIDE SAFETY AND INTEGRATED PEST MANAGEMENT



Statutes put into law by the Louisiana Department of Agriculture & Forestry to ensure the safety and well-being of children and school personnel in our state:

## **Integrated Pest Management (IPM)**

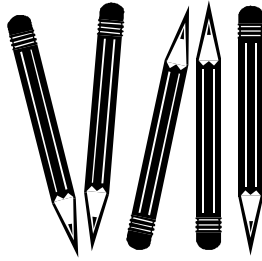
"Schools are encouraged to use the least toxic method of pest control. The least toxic method of pest control may include pest control methods other than the application of pesticides."

*Louisiana Revised Statutes, Title 3, Section 3385.*

## **School Pesticide Safety**

"Exposure of school children to pesticides poses known and, as of yet, unknown risks to their health and well being. Providing controls on the application of these pesticides will help to ensure the safety and well-being of school children in the state."

*Louisiana Revised Statutes, Title 3, Section 3381.*



## Contents

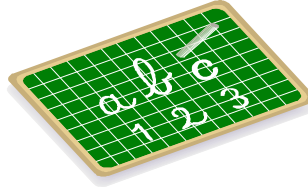
- 1) **The ABC's of the School Pesticide Safety Law**  
(the basic requirements)
- 2) **Sample IPM Plan**  
(with suggestions for non-chemical control)
- 3) **School Inspection Checklist \***  
(check it out/off for compliance)
- 4) **Record-keeping Forms\*\***  
(you may reproduce/alter to suit your needs)

\* The **school inspection checklist** is a sample of the document used by La. Department of Agriculture inspectors when performing inspections at schools. **If you can answer "yes" to the questions taken from the checklist, you will be in compliance with the Louisiana School Pesticide Safety Law.**

**\*\* Record keeping forms consist of:**

A) The pesticide use record-keeping form to be used when making applications at the school. This form should be used by the certified applicator, whether done by school personnel or by a contracted pest control operator.

B) The monitoring form to document pest problems occurring at the school and to explain what action was taken to control the problem (non-pesticide or pesticide treatment). The objective is to show that schools are using the least toxic method of pest control, thereby reducing pesticide use and exposure in schools.



## **THE ABC'S OF THE SCHOOL PESTICIDE SAFETY LAW**

### **Basic Pesticide Safety Requirements for Schools:**

1. **An Integrated Pest Management (IPM) plan shall be submitted to the Louisiana Department of Agriculture and Forestry on August 1 on an annual basis. The plan shall be available for review, upon request, by the commissioner and the general public, during normal school hours, at each school, in the business office. The annual IPM plan shall include, but not be limited to the following:**

#### **SCHOOL IPM PLAN (by August 1)**

- a. **School name, mailing address, physical address, telephone number and contact person;**
  - b. **Name and license # of company(s) and certification # of applicators, if contracted;**
  - c. **Name and certification number of certified commercial applicator(s) of school system;**
  - d. **Brand name and EPA registration number for each pesticide to be used;**
  - e. **List for each pesticide to be used:**
    1. **Pest to be controlled,**
    2. **Type of application to be used,**
    3. **Location of application,**
    4. **Restricted use pesticide (RUP) or general use pesticide (GUP);**
  - f. **Proposed location and date for non-certified applicator training;**
  - g. **Other methods of pest control.**
- 
2. **Records of applications shall be maintained by the school and submitted with the annual IPM plan to the Louisiana Department of Agriculture and Forestry and shall contain:**
    - a. **Certified applicator #, or if contracted – business name and certified applicator #;**
    - b. **Product/brand name of pesticide;**
    - c. **EPA registration number;**
    - d. **RUP or general use pesticide;**
    - e. **Application date;**
    - f. **Type of application;**
    - g. **Location of application;**
    - h. **Size of area treated;**
    - i. **Rate of application;**
    - j. **Total amount of pesticide applied;**
    - k. **Applicator name, if different from the certified applicator.**

*ABC's continued*

3. If a school employee is applying any pesticide (including Roundup or Wasp Spray) in, on, or around school structures and grounds, he/she shall be a certified non-fee commercial applicator in Category 7D (Non-Fee School Employee) or under the direct supervision of a 7D certified non-fee commercial applicator. Schools have the option to contract all pesticide applications with pest control companies.
4. If school system employees are applying pesticides, then the law requires systems with less than 10 schools to have at least one employee certified as a commercial applicator in Category 7D and school systems with 10 or more schools to have a minimum of two certified applicators.
5. School employees certified in Category 7D shall annually train all persons (maintenance and janitorial staff) applying pesticides under supervision in the proper handling, storage, use, application and disposal of pesticides.
6. Pesticides shall be applied for general pest control inside school buildings or restricted use pesticides to buildings or grounds only during periods when students are not expected to be present for normal academic instruction or organized extracurricular activity for at least (8) eight hours after the application.
7. A hypersensitive student registry shall be maintained at each school. This registry shall contain the names of students whose parents have submitted a written statement to the school stating that the student is hypersensitive to pesticides, accompanied by written verification of the hypersensitivity by a licensed physician.
8. Additions to the pesticide products to be used or other deviations from the submitted annual integrated pest management plan shall be forwarded in writing to the Louisiana Department of Agriculture and Forestry at least twenty-four hours before any pesticide application. Notifications can be faxed to (225) 925-3760 to the Director of Pesticide and Environmental Programs.

**SUBMIT IPM PLAN ANNUALLY TO:**

**LOUISIANA DEPARTMENT OF AGRICULTURAL & FORESTRY  
OFFICE OF AGRICULTURAL & ENVIRONMENTAL SCIENCES  
PO BOX 3596  
BATON ROUGE LA 70821-3596**

# **SAMPLE IPM PLAN**

## **ABCDE SCHOOL IPM PLAN 2007-2008**

**ANY DEVIATION FROM THIS PLAN MUST BE REPORTED 24 HOURS IN ADVANCE TO THE LA. DEPT. OF AGRICULTURE & FORESTRY. THE FAX NUMBER IS (225) 925-3760**

### **ABCDE SCHOOL LOCATION CONTACTS, AND CONTRACTED PEST CONTROL**

<b>School Name:</b>	<b>ABCDE School</b>
<b>Mailing Address:</b>	<b>P.O. Box 123</b>
<b>Physical Address:</b>	<b>123 Elm Street</b>
<b>City, State, Zip:</b>	<b>Elm Grove, LA 12341</b>
<b>School Contact:</b>	<b>John A. Smith</b>
<b>School Tele. No.:</b>	<b>(123) 456-7891</b>

<b>Contracted Pest Company:</b>	<b>ABC Pest Control - Lic. #</b>
<b>Contracted Certified Person:</b>	<b>Bill A Jones – Cert. #</b>

**The ABCDE School employs one certified applicator in Category 7D (Non-Fee Pesticide Applicator - School Employee):**

**Bill A Jones – CA02-1234**

**Mr. Jones supervises pesticide applications performed by maintenance and janitorial staff. Annual pesticide training (proper handling, storage, use, application and disposal of pesticides) is scheduled for the 3<sup>rd</sup> week in July for maintenance staff applying pesticides under the supervision of Mr. Jones.**

**SAMPLE IPM PLAN**  
**continued**

**The ABCDE School Integrated Pest Management Approach  
implements a wide variety of methods for pest control.**

**INDOOR PEST CONTROL (GENERAL PESTS AND RODENTS)**

**NON-CHEMICAL**

**SANITATION**

**GARBAGE PICKUP  
CLEAN FLOORS  
EMPTY TRASH CANS  
WINDOWS  
REDUCE CLUTTER**

**SEALING OUT**

**SEAL DOORS, WINDOWS  
AROUND PIPES, ETC.  
SCREEN DOORS AND**

**CAULK HOLES, FILL VOIDS**

**MECHANICAL CONTROLS**

**MOUSE AND RAT TRAPS  
GLUE BOARDS**

**CHEMICAL**

**PESTICIDE INFORMATION FOR INDOOR GENERAL PEST CONTROL BELOW.**

**Pesticide – Insect Killer # 1  
EPA Reg. # 12345  
Pest – Roaches  
Location – Buildings  
Type – Crack & Crevice  
GUP**

**Pesticide – Roach Motel  
EPA Reg. # 54321  
Pest – Roaches  
Location – Buildings  
Type – Bait Station  
GUP**

**Pesticide – Insect Killer # 2  
EPA Reg. # 12345  
Pest – General Inside Pests  
Location – Buildings  
Type – Baseboard Application  
GUP**

**Pesticide – Lice Killer  
EPA Reg. # 67890  
Pest – Lice  
Location – Buildings  
Type - Spray  
GUP**

**Pesticide – Rodent Killer # 1  
EPA Reg. # 09876  
Pest – Rats and Mice  
Location – Buildings  
Type – Bait  
GUP**

**Pesticide – Rodent Killer # 2  
EPA Reg. # 11223  
Pest – Rats and Mice  
Location – Buildings  
Type – Bait  
GUP**

**SAMPLE IPM PLAN**  
**continued**

**OUTDOOR PEST CONTROL (INSECTS, SPIDERS, RODENTS)**

**NON-CHEMICAL**

**LIGHTING AROUND BUILDINGS**

**YELLOW LIGHTS ATTRACT LESS INSECTS**

**SANITATION**

**TRASH CANS COVERED/EMPTIED REGULARLY**

**TRASH CANS LOCATED AWAY FROM BUILDINGS**

**GOOD DRAINAGE PROVIDED**

**GRASS MOWED REGULARLY**

**CHEMICAL**

**PESTICIDE INFORMATION FOR OUTDOOR GENERAL PEST CONTROL BELOW.**

**Pesticide – Insect Killer # 1**  
**EPA Reg. # 12345**  
**Pest – Roaches**  
**Location – Building Exteriors**  
**Type – Crack & Crevice**  
**GUP**

**Pesticide – Insect Killer # 2**  
**EPA Reg. # 22345**  
**Pest – General Inside Pests**  
**Location – Building Exteriors**  
**Type – Slabs**  
**GUP**

**Pesticide – Rodent Killer # 1**  
**EPA Reg. # 09876**  
**Pest – Rats and Mice**  
**Location – Building Exteriors**  
**Type – Bait**  
**GUP**

**Pesticide – Rodent Killer # 2**  
**EPA Reg. # 11223**  
**Pest – Rats and Mice**  
**Location – Building Exteriors**  
**Type – Bait**  
**GUP**

**Pesticide – Wasp Spray # 1**  
**EPA Reg. # 54321**  
**Pest – Wasps**  
**Location – Eaves**  
**Type – Spray**  
**GUP**

**Pesticide – Wasp Spray # 2**  
**EPA Reg. # 32345**  
**Pest – Wasps**  
**Location – Eaves**  
**Type – Spray**  
**GUP**

**Pesticide – Ant Killer**  
**EPA Reg. # 67890**  
**Pest – Fire-Ants**  
**Location – Lawn Areas**  
**Type - Spray**  
**GUP**

**Pesticide – Turf Pest Killer # 1**  
**EPA Reg. # 52345**  
**Pest – Turf Insect Pests**  
**Location – Turf/Athletic Areas**  
**Type – Broadcast**  
**GUP**

**Pesticide – Turf Pest Killer # 2**  
**EPA Reg. # 67890**  
**Pest – Turf Insect Pests**  
**Location – Turf/Athletic Areas**  
**Type - Granular**  
**GUP**

**SAMPLE IPM PLAN**  
**continued**

**OUTDOOR PEST CONTROL (WEEDS, GRASSES, ETC.)**

**NON-CHEMICAL**

**MOWING, WEED-EATING TURF AREAS  
CUTTING, TRIMMING RANK GROWTH ON SHRUBS**

**CHEMICAL**

**PESTICIDE INFORMATION FOR OUTDOOR WEED & GRASS CONTROL BELOW.**

**Pesticide – Weed Killer # 1  
EPA Reg. # 12345  
Pest – Grasses  
Location – Flower Beds  
Type – Spot  
GUP**

**Pesticide – Weed Killer # 2  
EPA Reg. # 22345  
Pest – Broadleaves  
Location – Flower Beds  
Type – Spot  
GUP**

**Pesticide – Weed Killer # 3  
EPA Reg. # 09876  
Pest – All Weeds  
Location – Building Exteriors  
Type – Spot  
GUP**

**Pesticide – Weed Killer # 4  
EPA Reg. # 11223  
Pest – All Weeds  
Location – Lawn Areas  
Type – Granular  
GUP**

**Pesticide – Turf Weed Killer # 1  
EPA Reg. # 52345  
Pest – Turf Weeds  
Location – Turf/Athletic Areas  
Type – Broadcast  
GUP**

**Pesticide – Turf Weed Killer # 2  
EPA Reg. # 67890  
Pest – Turf Weeds  
Location – Turf/Athletic Areas  
Type - Granular  
GUP**



# RECORDS FOR PESTICIDE APPLICATIONS

## ABCDE SCHOOL

### FOR 2007 – 2008

SCHOOL NAME ABCDE School  
 ADDRESS 123 Elm Street, Elm Grove, La 12341

CONTACT PERSON John A Smith  
 TELEPHONE 123-456-7891

DATE & TIME	TARGET PEST*	LOCATION	PESTICIDE APPLIED				TYPE***	APPLICATOR NAME	CARD NO.
			BRAND NAME	EPA REG NUMBER	RUP **	RATE & TOTAL AMT. APPLIED			
9/1/07 4:30 p	Roaches	All Buildings	Insect Killer #1	12345	No	2 oz/gal 3 gallons	Baseboard Spray	Bill Jones	####
10/1/07 4:30 p	Roaches	All Buildings	Insect Killer #1	12345	No	2 oz/gal 3 gallons	Baseboard Spray	Bill Jones	####
11/1/07 4:30 p	Roaches	All Buildings	Insect Killer #1	12345	No	2 oz/gal 3 gallons	Baseboard Spray	Bill Jones	####
12/1/07 4:30 p	Roaches	All Buildings	Insect Killer #1	12345	No	2 oz/gal 3 gallons	Baseboard Spray	Bill Jones	####
				<i><u>SAMPLE RECORDS</u></i>					

\* GENERAL PESTS, RODENTS, ANTS, WEEDS, ETC.

\*\* CHECK IF RESTRICTED USE PESTICIDE

\*\*\* CRACK AND CREVICE, BASEBOARD, FOLIAR SPRAY, MOUND TREATMENT, ETC.

***CHECK IT OFF!***  
***(for compliance)***  
**SCHOOL INSPECTION CHECKLIST**

**Has IPM Plan been submitted for current school year?** YES\_\_ NO\_\_

**Is IPM Plan available for public inspection?** YES\_\_ NO\_\_

**Does IPM Plan contain the following?**

**School Name and Contact Person** YES\_\_ NO\_\_

**List of Certified Applicators** YES\_\_ NO\_\_

**Non-Certified Applicator Training (date/location)** YES\_\_ NO\_\_

**Discussion of other means of pest control** YES\_\_ NO\_\_

**Is the following listed for each pesticide to be used?**

**Brand name** YES\_\_ NO\_\_

**EPA Registration Number** YES\_\_ NO\_\_

**Pest to be controlled** YES\_\_ NO\_\_

**Type of Application** YES\_\_ NO\_\_

**Location of Application** YES\_\_ NO\_\_

**RUP** YES\_\_ NO\_\_

**Record-Keeping:**

**Are pesticide application records available?** YES\_\_ NO\_\_

**Do records meet requirements?** YES\_\_ NO\_\_

**Records of non-pesticide methods of control?** YES\_\_ NO\_\_

**Does school maintain a Student Hypersensitive List?** YES\_\_ NO\_\_

**Pesticide Storage Area:**

**Capable of being locked?** YES\_\_ NO\_\_

**Clean, no pesticide leaks/spillage present?** YES\_\_ NO\_\_

# PESTICIDE USE RECORDKEEPING FORM

LOUISIANA DEPARTMENT OF AGRICULTURE AND FORESTRY

MIKE STRAIN DVM, COMMISSIONER

CATEGORY 7D

SCHOOL NAME \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE \_\_\_\_\_

DATE & TIME	TARGET PEST*	LOCATION	PESTICIDE APPLIED				TYPE***	APPLICATOR NAME	CARD NO.
			BRAND NAME	EPA REG NUMBER	RUP **	RATE & TOTAL AMT. APPLIED			

\* GENERAL PESTS, RODENTS, ANTS, WEEDS, ETC.

\*\* CHECK IF RESTRICTED USE PESTICIDE

\*\*\* CRACK AND CREVICE, BASEBOARD, FOLIAR SPRAY, MOUND TREATMENT, ETC.

# PEST MONITORING FORM

## RECORD OF PEST INSPECTION, IDENTIFICATION, MONITORING, AND EVALUATION

LOUISIANA DEPARTMENT OF AGRICULTURE AND FORESTRY

MIKE STRAIN DVM, COMMISSIONER

CATEGORY 7D

SCHOOL NAME \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE \_\_\_\_\_

INSPECTION DATE/TIME	AREA INSPECTED*	PEST IDENTIFIED	ACTION TAKEN**	PERSON MAKING INSPECTION

\* CAFETERIA, PLAYGROUND, ETC.

\*\* CLEANED AREA, CUT GRASS, PESTICIDE APPLIED, ETC.